

Amendments to the claims:

Please amend claims 1, 5, 9, 13, 15 and 19 as follows:

- 1    1. (currently amended)        A double locking mortise joint comprising:
- 2        (a) a first member having:
- 3            i)        a first mortise being formed generally perpendicularly with respect to an axis
- 4                      of said first member, said first mortise having:
- 5                      1) a gusset top extending generally perpendicularly outward with respect to said
- 6                              axis of said first member;
- 7                      2) a gusset body having a substantially triangular shape, the gusset top serving as
- 8                              one side of the triangular shape;
- 9                      3) a head bottom opposite to and generally parallel to said gusset top, said head
- 10                              bottom is shorter in length than said gusset top;
- 11                      4) a first mortise end being generally parallel to said axis of said first member
- 12                              and connecting said gusset top and said head bottom;
- 13            ii)        a first contact surface and a second contact surface next to said first mortise
- 14                      end;
- 15        (b) a second member having:
- 16            i)        a second mortise having two opposing sides being generally parallel to each
- 17                      other, and a second mortise end connecting said two opposing sides;
- 18            ii)        a top surface and a bottom surface next to said second mortise end;
- 19        whereby said first member and said second member are rigidly and snugly yet
- 20        removably joined together at the first mortise and the second mortise by fitting said
- 21        gusset top and said head bottom between said two opposing sides of said second mortise,
- 22        such that said head bottom extends onto said top surface, said gusset top extends onto
- 23        said bottom surface, and said two opposing sides extend onto said first contact surface
- 24        and said second contact surface, and
- 25        wherein said first mortise further comprises a first mortise corner and a second
- 26        mortise corner, said first mortise corner being located between said first mortise end and
- 27        said head bottom, said second mortise corner being located between said first mortise end
- 28        and said gusset top, and at least one of said two mortise corners is rounded.

2. (previously canceled)

3. (previously canceled)

4. (previously canceled)

1 5. (previously presented) The double locking mortise joint of claim 1, wherein both of  
2 said two mortise corners are rounded.

1 6. (original) The double locking mortise joint of claim 1, wherein said first member is a  
2 table leg, and said second member is a corner of a tabletop.

1 7. (original) The double locking mortise joint of claim 6, wherein said first member further  
2 comprises an inner side and an outer side, said inner side and said outer side being  
3 substantially parallel to each other.

1 8. (original) The double locking mortise joint of claim 7, wherein said inner side and said  
2 outer side have a same curvature.

1 9. (currently amended) A double locking mortise joint for table leg to tabletop connections  
2 the joint comprising:

3 (a) ~~one or more~~ a table legs, ~~each of said one or more table legs~~ having:

4 i) a first mortise being formed generally perpendicularly with respect to an axis  
5 of said table leg, said first mortise having:

6 1) a gusset body having a substantially triangular shape;

7 2) a gusset top extending generally perpendicularly outward with respect to said  
8 axis of said table leg;

9 3) a head bottom opposite to and generally parallel to said gusset top and said  
10 head bottom is shorter in length than said gusset top;

11 4) a first mortise end being generally parallel to said axis of said table leg and  
12 connecting said gusset top and said head bottom;

13           ii)       a first contact surface and a second contact surface next to said first mortise  
14                   end;  
15       (b) ~~one or more~~ a tabletop edges, ~~each of said one of more tabletop edges~~ having:  
16           i)       a second mortise having two opposing sides being generally parallel to each  
17                   other, and a second mortise end connecting said two opposing sides;  
18           ii)       a top surface and a bottom surface next to said second mortise end;  
19       wherein said table leg and said tabletop edge are rigidly and snugly yet removably  
20       joined together at the first mortise and the second mortise by fitting said gusset top and  
21       said head bottom between said two opposing sides of said second mortise, such that said  
22       head bottom extends onto said top surface, said gusset top extends onto said bottom  
23       surface, and said two opposing sides extend onto said first contact surface and said  
24       second contact surface, and  
25       wherein ~~one~~ three or more of said joint[[s]] support a tabletop without any further  
26       supporting structural members or connections existing below a horizontal plane which  
27       lies at the joining of the first mortise and second mortise, each table leg of each joint  
28       being independently and separately removable from every other table leg.

1       10. (previously presented)       The double locking mortise joint for table leg to  
2       tabletop connections according to claim 9, wherein said first mortise further comprises a  
3       first mortise corner and a second mortise corner, said first mortise corner being located  
4       between said first mortise end and said head bottom, said second mortise corner being  
5       located between said first mortise end and said gusset top, and at least one of said two  
6       mortise corners is rounded.

1       11. (previously presented)       The double locking mortise joint for table leg to tabletop  
2       connections according to claim 10, wherein both of said two mortise corners are  
3       rounded.

1       12. (previously presented)       The double locking mortise joint for table leg to tabletop  
2       connections according to claim 9, wherein the table leg has a height dimension longer  
3       than both a width and depth dimension of the table leg combined.

1 13. (currently amended) The double locking mortise joint for table leg to tabletop  
2 connections according to claim 9, wherein ~~each of said one or more~~ the table leg[[s]]  
3 further comprises an inner side and an outer side, said inner side and said outer side  
4 being substantially parallel to each other.

1 14. (previously presented) The double locking mortise joint for table leg to tabletop  
2 connections according to claim 13, wherein said inner side and said outer side have a  
3 same curvature.

1 15. (currently amended) A double locking mortise joint for table leg to tabletop  
2 connections the joint comprising:  
3 (a) ~~one or more~~ a table legs, ~~each of said one or more table legs~~ having:  
4 i) a first mortise being formed generally perpendicularly with respect to an axis of  
5 said table leg, said first mortise having:  
6 1) a gusset body having a substantially triangular shape;  
7 2) a gusset top extending generally perpendicularly outward with respect to said  
8 axis of said table leg;  
9 3) a head bottom opposite to and generally parallel to said gusset top, said head  
10 bottom is shorter in length than said gusset top;  
11 4) a first mortise end being generally parallel to said axis of said table leg and  
12 connecting said gusset top and said head bottom;  
13 ii) a first contact surface and a second contact surface next to said first mortise end;  
14 (b) ~~one or more~~ a tabletop edges, ~~each of said one of more tabletop edges~~ having:  
15 i) a second mortise having two opposing sides being generally parallel to each other,  
16 and a second mortise end connecting said two opposing sides;  
17 ii) a top surface and a bottom surface next to said second mortise end;  
18 wherein said table leg and said tabletop edge are rigidly and snugly yet removably  
19 joined together at the first mortise and the second mortise by fitting said gusset top and  
20 said head bottom between said two opposing sides of said second mortise, such that said  
21 head bottom extends onto said top surface, said gusset top extends onto said bottom  
22 surface, and said two opposing sides extend onto said first contact surface and said

23 second contact surface, and

24 wherein the joint provides a tabletop is supported and stabilization ~~only by the one~~  
25 ~~or more joints and table legs~~ without any additional support pieces.

1 16. (previously presented) The double locking mortise joint for table leg to tabletop  
2 connections according to claim 15, wherein said first mortise further comprises a first  
3 mortise corner and a second mortise corner, said first mortise corner being located  
4 between said first mortise end and said head bottom, said second mortise corner being  
5 located between said first mortise end and said gusset top, and at least one of said two  
6 mortise corners is rounded.

1 17. (previously presented) The double locking mortise joint for table leg to tabletop  
2 connections according to claim 16, wherein both of said two mortise corners are  
3 rounded.

1 18. (previously presented) The double locking mortise joint for table leg to tabletop  
2 connections according to claim 15, wherein the table leg has a height dimension longer  
3 than both a width and depth dimension of the table leg combined.

1 19. (currently amended) The double locking mortise joint for table leg to tabletop  
2 connections according to claim 15, wherein ~~each of said one or more~~ the table leg[[s]]  
3 further comprises an inner side and an outer side, said inner side and said outer side  
4 being substantially parallel to each other.

1 20. (previously presented) The double locking mortise joint for table leg to tabletop  
2 connections according to claim 19, wherein said inner side and said outer side have a  
3 same curvature.